Internal Application No
PCT/JP2004/019700

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C11D3/12 C11D3/39

C11D3/00

'According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ccc} \text{Minimum documentation searched (classification system followed by classification symbols)} \\ \text{IPC 7} & \text{C11D} \\ \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUM	ENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 483 411 A (THE PROCTER & GAMBLE COMPANY) 6 May 1992 (1992-05-06) claims; examples IV,IX	1,2,5-7
X	EP 0 297 673 A (THE PROCTER & GAMBLE COMPANY) 4 January 1989 (1989-01-04) claims; example II	1,2,5-7
X	WO 95/33038 A (THE PROCTER & GAMBLE COMPANY) 7 December 1995 (1995–12–07) claims; example III	1,2,5-7
X	US 2002/128165 A1 (BAKER ASHLEY SUTHERLAND ET AL) 12 September 2002 (2002-09-12) claims; example I	1,2,5-7

Y Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but tater than the priority date claimed 	 *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family
Date of the actual completion of the International search 11 March 2005	Date of mailing of the international search report 23/03/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer
NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Hillebrecht, D

Internal Application No
PCT/JP2004/019700

C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT		4/019/00	
Category °	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.	
A	EP 0 530 958 A (COLGATE-PALMOLIVE COMPANY) 10 March 1993 (1993-03-10) cited in the application claims		1-8	
		•		
			·	
		÷	·	
·		·		
!				
		·		
	·			

Information on patent family members

PCT/JP2004/019700

 		Γ		304/019/00
Patent document cited in search report	Publication date		Patent family member(s)	Publication date
EP 0483411 A	06-05-1992	EP CA DE DE IE PT TR WO	0483411 A1 2095244 A1 69019973 D1 69019973 T2 913748 A1 99365 A 25527 A 9207927 A1	06-05-1992 30-04-1992 13-07-1995 16-11-1995 22-05-1992 30-09-1992 01-05-1993 14-05-1992
EP 0297673 A	04-01-1989	AT AU CN DE DE DE EP JP KR MX TR US	97691 T 624577 B2 1858588 A 1031561 A ,C 3885801 D1 3885801 T2 361688 A 18674 A 0297673 A2 883106 A ,B, 61343 B1 1065199 A 2595052 B2 9513916 B1 169171 B 225217 A 24454 A 5019292 A	15-12-1993 18-06-1992 05-01-1989 08-03-1989 05-01-1994 19-05-1994 31-12-1988 30-10-1993 04-01-1989 31-12-1988 02-11-1994 10-03-1989 26-03-1997 18-11-1995 23-06-1993 26-07-1991 10-10-1991 28-05-1991
WO 9533038 A	07-12-1995	MA WO ZA	23570 A1 9533038 A1 9504279 A	31-12-1995 07-12-1995 24-01-1996
US 2002128165 A	12-09-2002	GB AU BR CA CN EP JP MX WO	2353800 A 7097000 A 0013761 A 2382722 A1 1387563 A 1212398 A1 2003508590 T PA02002396 A 0116279 A1	07-03-2001 26-03-2001 07-05-2002 08-03-2001 25-12-2002 12-06-2002 04-03-2003 20-08-2002 08-03-2001
EP 0530958 A	10-03-1993	AT AU BR CA DE EP FI GR IE JP KR NO NZ PT	172237 T 657118 B2 1300792 A 9202088 A 2076718 A1 69227292 D1 0530958 A2 921148 A 92100112 A ,B 922303 A1 5140869 A 230557 B1 9201444 A1 921036 A 242021 A 100303 A ,B	15-10-1998 02-03-1995 11-03-1993 06-04-1993 07-03-1993 19-11-1998 10-03-1993 21-06-1993 10-03-1993 08-06-1993 15-11-1999 01-03-1993 08-03-1993 08-03-1993 27-04-1995 30-06-1993

Information on patent family members

PCT/JP2004/019700

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
EP 0530958	A	TR US US ZA	28408 A 5358647 A 5332513 A 9201989 A	14-06-1996 25-10-1994 26-07-1994 20-09-1993